

Table 4. 2008 Estimated Production Costs and Returns - Irrigated Pinto Beans in Northeastern Colorado

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
GROSS RECEIPTS FROM PRODUCTION:						
PINTO BEANS	CWT	39.00	34.25	1335.75		
TOTAL RECEIPTS				1335.75	39.00	
Direct Costs						
Operating Preharvest						
SEED	DOLS	38.18	1.00	38.18	1.11	
FERTILIZER	DOLS	133.29	1.00	133.29	3.89	
HERBICIDE	DOLS	33.10	1.00	33.10	0.97	
CUSTOM APPLICATION	DOLS	6.00	1.00	6.00	0.18	
INSECTICIDE	DOLS	6.93	1.00	6.93	0.20	
FUNGICIDE	DOLS	20.52	1.00	20.52	0.60	
IRRIGATION ENERGY	DOLS	48.09	1.00	48.09	1.40	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.29	
CROP INSURANCE	DOLS	13.08	1.00	13.08	0.38	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	1.75	
CUSTOM AERIAL SPRAY	DOLS	8.00	1.00	8.00	0.23	
CROP CONSULTANT	DOLS	7.00	1.00	7.00	0.20	
FUEL	DOLS			11.07	0.32	
REPAIR & MAINTENANCE	DOLS			4.91	0.14	
LABOR	DOLS			3.39	0.10	
INTEREST EXPENSE ²	DOLS			14.12	0.41	
Total Preharvest	DOLS			417.68	12.20	
Operating Harvest						
FUEL	DOLS			20.16	0.59	
REPAIR & MAINTENANCE	DOLS			7.78	0.23	
LABOR	DOLS			5.63	0.16	
HAULING ¹	DOLS			5.99	0.17	
Total Harvest				39.56	1.16	
Total Operating Costs				457.24	13.35	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			55.21	1.61	
GENERAL FARM OVERHEAD	DOLS			10.00	0.29	
REAL ESTATE TAXES	DOLS			11.64	0.34	
Total Property and Ownership Costs	DOLS			76.85	2.24	
TOTAL DIRECT COSTS:				534.09	15.59	
NET RECEIPTS BEFORE FACTOR PAYMENTS				801.66	23.41	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			52.00	1.52	
RETURN TO MANAGEMENT AND RISK	DOLS			749.66	21.89	

1 Hauling Machinery & Labor Charges = \$0.23/CWT

2 Interest on Operating Capital is Included in Pre-Harvest Operating Costs, Calculated at 7%

BREAKEVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)

		ALTERNATIVE PRICES				
		\$/CWT				
		-25%	-10%		+10%	+25%
		\$ 29.25	\$ 35.10	\$ 39.00	\$ 42.90	\$ 48.75
ALTERNATIVE YIELDS	-25%	\$ 217.26	\$ 367.54	\$ 467.72	\$ 567.90	\$ 718.17
	-10%	\$ 367.54	\$ 547.86	\$ 668.08	\$ 788.30	\$ 968.62
	CWT	\$ 467.72	\$ 668.08	\$ 801.66	\$ 935.23	\$ 1,135.59
	+10%	\$ 567.90	\$ 788.30	\$ 935.23	\$ 1,082.16	\$ 1,302.56
	+25%	\$ 718.17	\$ 968.62	\$ 1,135.59	\$ 1,302.56	\$ 1,553.01